

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete If Known	
	Application Number	To Be Assigned 10/700,176
	Filing Date	Herewith 11/3/03
	First Named Inventor	Hiroyuki Nakamura
	Art Unit	2817
	Examiner Name	Barbara Summons
SHEET 1 of 2		Attorney Docket No. MTS-3348US1

U.S. PATENT DOCUMENTS						Class/Subclass
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Issue Date/ Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
BS		US-3,688,223	08/29/1972	Pratt et al.	333/194	
BS		US-5,874,868	02/23/1999	Shimoe	333/193	
BS		US-6,160,339	12/12/2000	Takagi et al.	310/313D	
BS		US-6,504,454 B2	01/07/2003	Takahashi	333/195	
BS		US-6,420,946 B1	07/16/2002	Bauer et al.	333/193	
BS		US-3,839,687	10/01/1974	Subramanian	333/194	
		US-				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
BS		JP 05-121992	05/18/1993	Toyo Commun Equip Co Ltd.		<input type="checkbox"/>
BS		JP 2001-217680	08/10/2001	Toyo Commun Equip Co Ltd.		<input type="checkbox"/>
BS		JP 2000-49558	02/18/2000	Seiko Epson Corp		<input type="checkbox"/>
BS		EP 0998039 A1	05/03/2000	Kabushiki Kaisha Toshiba		<input type="checkbox"/>
BS		UK 2120891 A	12/07/1983	The Plessey Co.		<input type="checkbox"/>
BS		JP 2002-009487	01/11/2002	Murata Mfg Co Ltd		<input type="checkbox"/>
BS		JP 2001-144574 A	05/25/2001	Toyo Commun Equip Co Ltd.		<input type="checkbox"/>
BS		JP 8-8690 A	01/12/1996	Matsushita Elec Ind Co Ltd		

Examiner Signature	Barbara Summons	Date Considered	10/18/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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(Use as many sheets as necessary)

SHEET 2 of 2

Complete if Known

Application Number	10/100,403 10/700,176
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Filing Date ~~July 15, 2002~~ 11/3/03

First Named Inventor	Hiroyuki Nakamura
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Art Unit	2817
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Examiner Name	Barbara Summons
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Attorney Docket No.	MTS-3349US1
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NON-PATENT LITERATURE DOCUMENTS

[illegible]

Examiner
Signature

Bulane Summers

Date
Considered

10/18/04

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